## ISSUE SLIP STAPLE AREA (for additional cross references)

| INITIALS | ib HO    | DATE       |  |  |  |  |  |  |
|----------|----------|------------|--|--|--|--|--|--|
|          |          |            |  |  |  |  |  |  |
|          | UP       | 3/6/01     |  |  |  |  |  |  |
| T.A-     | TO PULL  | 03/13/01   |  |  |  |  |  |  |
| 55       | 573      | 0523-01    |  |  |  |  |  |  |
|          | INITIALS | Til Je ryy |  |  |  |  |  |  |

## **INDEX OF CLAIMS**

| ~ | Rejected                   | N   | Non-elected  |
|---|----------------------------|-----|--------------|
| = | Allowed                    | - 1 | Interference |
| _ | (Through numeral) Canceled | _   | Appeal       |
| ÷ | Restricted                 | _   | Objected     |

|            | CI        | aim        |                         | 7.                |    |              | D               | ate     |              | _        |          |          |          | С             | laim     | I        |           | _        | _              | D        | ate          |          |          | _            |            |     | С          | lain       | n]       | _        |          |              | Da        | ate  |                |              |           |              |
|------------|-----------|------------|-------------------------|-------------------|----|--------------|-----------------|---------|--------------|----------|----------|----------|----------|---------------|----------|----------|-----------|----------|----------------|----------|--------------|----------|----------|--------------|------------|-----|------------|------------|----------|----------|----------|--------------|-----------|--|----------------|--------------|-----------|--------------|
|            | _         | <b>  E</b> | 12                      | <u>الإ</u>        | E  |              | 1               |         | ı            | -        |          | ı        |          |               | 1        |          |           |          |                |          |              |          | Τ        |              |            | 7   | Г          | 7          | 3        | Γ        | Τ        | T            | Τ         | T  | Γ              | T            | T         | Τ.           |
| 3          | Final     | Opininal   |                         | jo:               | 9  | Š            |                 |         |              |          |          |          |          | Eige          | Original | •        |           | i        |                |          |              |          |          |              | 1          |     | Final      | Orioinal   |          |          |          |              |           |  |                |              | '         | 1.           |
|            | -         | Ť,         |                         | ٦,                | ₩. | 4            | ╁               | +       | +            | +        | -+       | +        | $\dashv$ | ۲             | 5        |          | ╀         | ╁        | ╀              | ╀        | +-           | +        | +        | +            | ╀          | 4   | ļ <u>u</u> |            |          | ╀        | 1        | ╄            | 1         | $\perp$  | Ŀ              | L            | L         | L            |
|            | -         | 1.2        | ·                       | +                 | ľ  | #            | +               | +       | +            | +        | +        | +        | $\dashv$ | $\vdash$      | 52       |          | ╀         | +        | +-             | ╁        | +            | +        | +        | +            | +          | -   | $\vdash$   | 10         | _        | 1        | ╄        | $\perp$      | +         | ╁  |                | -            | 1         | $\perp$      |
|            | :         | 3          | _                       | #                 | Ħ  | +            | +               | +       | +            | +        | +        | ╅        | 1        | $\vdash$      | 53       |          | +-        | +        | +-             | ╁        | +            | ╁        | ╀        | +            | +          | ┨   | -          | 10         | _        | ┝        | +-       | ╀            | ╀         | -  | -              | ╁            | ╀         | <del> </del> |
| ी          |           | 4          | 11                      | $\dagger \dagger$ | H  | $\top$       | +               | +       | +            | $\top$   | +        | +        | -        | +             | 54       |          | +         | ╁        | +              | ╁        | ╁            | ╁        | +        | ╁            | ╁          |     | -          | 10         |          | -        | ╀        | ╀            | 1         | ┼  | <del>  ,</del> | ⊢            | ╀-        |              |
| . [        | ;         | 5          | П                       | 1                 | П  |              |                 | $\top$  | $\top$       | 1        | $\top$   | $\top$   | 1        |               | 55       |          | t         | $^{+}$   | +-             | 1        | ╁            | +        | +        | +            | +          | 1   | $\vdash$   | 10         |          | ╀╌       | +        | <del> </del> | +         | +-   | $\vdash$       | <del> </del> | ╁         | -            |
| 1-         | ,         | 6          | П                       | ~                 | v  | 1            |                 | I       | T            |          | T        | 1        | 7        |               | 56       | 1        | T         | $\top$   | †-             | T        | $\top$       | 十        | T        | †            | $\dagger$  | 1   | $\vdash$   | 10         |          | H        | +        | ╁            | ╁         | ╁╌   | -              | -            | +         | ╁╌           |
| <i>"</i> [ |           | 7          | П                       | N                 | L  | $\perp$      |                 | $\perp$ | $\perp$      | T        |          | Ι.       |          |               | 57       |          | 1.        |          | 7              | 1        | 1.           | 1.       | 40       | 1            | 1          | 7   |            | 10         |          | Ι.       | 1 ::     | 1            | ļ -       | <del>                                     </del> | -              | ╁            |           | 1-           |
|            |           | 4          |                         | ~                 |    | 1            | ┸               | $\perp$ |              | $\perp$  |          | $\perp$  | ]        |               | 58       | L        |           | Ι        | I              | Γ        |              | Γ        |          |              | T          | ٦., |            | 10         | B -      | -        | ١.       | 1            | 1         |  | ,, -           |              | 1         |              |
| · L        | 4.1       | Q          |                         | Ŀ                 | V  | 1            | 1_              | 1       | 1            | 1        | ┸        | 1        | 1        | L             | 59       |          |           | L        | $\perp$        |          | $\Gamma$     |          | 1        | Ι            | T          | 7   |            | 10         | 9        | ŗ.       |          | . 1          | 1         | 1  | 1              | ļ.           | 1         |              |
| - N.       | 2         | 10         | -                       | Ļ                 | Ц  | 1            | +               | 4.      | 1            | 1        | 4        | _        | 4        | _             | 60       | L        | L         |          | L              | L        |              | L        |          | L            | I          |     |            | 110        |          |          |          | <i>;</i> .   | 17.       | 1.   | .7             | 1.1          | 100       | *            |
|            | 1.0       | 11         | ·                       |                   | Ш  | 4            | +               | ╀       | 1            | 4        | 4        | 4        | .        | L             | 61       | L        | L         | ↓_       | 1              | L        | 1_           | 11       |          | L            | L          |     |            | 11         |          |          |          | -53          |           | 0 1  |                | 10           | 1         |              |
|            | ,         | 12         | Ŀ                       | -                 |    | +            | +-              | +       | +            | +        | +        | 1        | 4        | <u> </u>      | 62       | <u> </u> | _         | ↓_       | <u> </u>       | L        | Ŀ            | L        |          | Ŀ            | _          | 1   | Ŀ          | 112        |          | 43       | 1        | 17           | 7.        | Ÿ  |                | 10.00        | .3        | 1            |
| 2          |           | 14         |                         | -3.               | ×  | 1            | ╁               | +-      | ╀            | +        | ╀        | +        | ┨.       | -             | 63       | L        | ├-        | Ŀ        | -              | L        | 1            | r.       | 1        | L            | +          | ] : |            | 113        |          | X        | **       | 75           | ¥.        | * 13<br>13                                       | S              | 12           | W.        | v.5          |
|            | _         | 15         | $\vdash$                |                   | 0  |              | ╁               | ┿       | +-           | ╁        | ╁        | +-       | -        | -             | 64       | -        | ⊢         | -        | ├-             | L        | ╀            |          | 1.       |              | 1          |     | L          | 114        | _        | 5.       |          | _            | 4,0,      | 3.4  |                |              |           |              |
|            |           | 16         | Н                       | <del> </del>      | 14 | +-           | Н               | ╀       | +            | ╫        | ╁        | +        | ┨        | -             | 65<br>66 | H        | $\vdash$  | ╀        | ⊢              | ├        | ┼            |          | -        | L            | ╄          | 4   | <u> </u>   | 115        |          |          |          | 3            |           |  |                |              |           |              |
| ी          |           | 17         | Н                       | _                 | Н  | $\vdash$     | +-              | ╁       | ╁            | ╁        | ╁        | ┿        | ┨        | $\vdash$      | 67       | ┝        | -         | ├-       | ┼-             | ┝        | ┼            | ├        | Ͱ        | ⊢            | +          | ┨ . | H          | 116        | 1        |          |          |              |           | Ш  | _              |              |           |              |
| ÷.         |           | 18         |                         | ٠.                | H  | ╁            | ┪┈              | 十       | +            | +-       | ╁        | +-       | 1        | <u> </u>      | 68       | _        | 3         |          | 4              | -        | -            | 1        | -        | -            | +          | -   | ⊢          | 117<br>118 |          | -        |          |              | -         |  |                | _            |           |              |
| -          |           | 19         |                         |                   | 1  | T            | $\vdash$        | †       | †            | +        | +-       | +        | 1        | -             | 69       | -        | ├         | -        | 1              | -        | <del> </del> | ┝        | $\vdash$ | -            | 1-         | -   | ├-         | 119        |          | -        | H        | ·            | -         | $\dashv$   |                |              | Н         | إ            |
| ी          | 7         | 20         |                         |                   | 1  | 1            |                 | ✝       | +            | +        | +        | +        | 1        | <u> </u> -    | 70       |          | -         | $\vdash$ |                | ┝        | -            | -        | -        | -            | ╁          | -   | -          | 120        |          | _        | $\vdash$ | -            |           | -+   |                | -            | $\dashv$  | $\dashv$     |
| 1          | 1         | 21         | $\vdash$                |                   | N  | 1            | 1               | 1-      | +            | ╁        | ╁        | ╁        | 1        | $\vdash$      | 71       | -        | ┝         | $\vdash$ | ├              | -        | ╁            | -        | ŀ        | H            | ╀╌         | 1   | -          |            |          | _        | Н        | _            |           |  |                |              | _         | _            |
| -          |           | 22         |                         |                   | レ  | 扌            | $\vdash$        | 1       | _            | T        | T        | †-       | 1        | $\vdash$      | 72       | _        | -         |          | -              | _        | -            | Η.       | -        | ┝            | ┝          | 1   |            | 121<br>122 | $\vdash$ | -        | H        |              |           | $\dashv$   | -1             |              | $\dashv$  | -1           |
|            | I         | 23         |                         |                   | V  | <del> </del> | $\vdash$        | T       | 1            |          | 1        | $\vdash$ | 1        |               | 73       | _        | Н         | $\vdash$ | <del> </del>   | -        | 1            | -        | $\vdash$ | <del> </del> | H          | 1   |            | 123        | $\vdash$ | -        |          | $\dashv$     | $\dashv$  | $\dashv$   | -              | $\dashv$     | $\dashv$  | $\dashv$     |
| ī          | I         | 24         |                         |                   |    | Г            |                 |         | Τ            | 1        | T        |          | 1        | $\vdash$      | 74       |          | _         | H        |                | _        |              | _        | ┢        | _            | $\vdash$   | 1   |            | 124        | Н        | $\dashv$ | -        | -            | -         | $\dashv$   | -              | ┽            | +         | $\dashv$     |
| Ĺ          |           | 25         |                         |                   |    |              |                 |         |              | 1        | 1        | Т        | 1        |               | 75       |          |           |          |                |          |              | _        | _        |              | H          | 1   | Н          | 125        | $\vdash$ | $\dashv$ | -        | -            |           | +  | +              | $\dashv$     | $\dashv$  | $\dashv$     |
| L          |           | 26         |                         |                   |    |              |                 |         |              |          |          |          | 1        |               | 76       |          |           |          |                |          |              | -        |          | _            |            | 1   | _          | 126        |          | 7        | _        | $\dashv$     | 7         | $\dashv$   | +              | $\dashv$     | +         |              |
| L          | _:_       | 27         | 4                       | $\dashv$          |    | L            | L               |         | L            |          |          |          | ]        |               | 77       |          |           |          |                |          |              |          |          | ٠.           | Г          | 1   | _          | 127        | 1        | 7        | _        | ┪            | 寸         | 十  | _              | +            | +         | $\dashv$     |
| :- -       |           | 28         | -                       |                   |    | L_           | L               | _       | _            | <u> </u> |          |          | ]        |               | 78       |          |           |          |                |          |              |          |          |              |            | 1   |            | 128        | $\Box$   |          | 寸        | ┪            |           | 十  | 7              | 十            | 寸         | $\dashv$     |
| ` -        |           | 29         | 4                       |                   |    | <u> </u>     |                 | _       | _            | <u> </u> | <u> </u> | igspace  |          | Ш             | 79       | _        |           |          |                |          |              |          |          |              |            | ]   |            | 129        |          |          |          |              |           | $\top$   | 7              | ナ            | 7         | ┪            |
| $\vdash$   | _         | 30<br>31   | -+                      |                   |    | _            | _               | L_      | ┞            | _        | <u> </u> | _        |          | Ш             | 80       | 4        |           |          |                | :        |              |          |          |              |            |     |            | 130        |          |          |          |              |           |  |                | $\top$       | $\exists$ | $\neg$       |
| .  -       | _         | 32         | -                       | -                 |    | <u> </u>     |                 | ├-      | <del> </del> | <u> </u> | <b>├</b> | -        | 1        | $\square$     | 81       | 4        |           |          | _              |          |              |          |          |              | <u>L</u> . |     |            | 131        |          |          | $\Box$   |              |           | $\Box$   |                | $\Box$       | $\Box$    |              |
| -          |           | 33         | -+                      | $\dashv$          | -  | -            |                 | ├       | ├-           | ┢        | ╄        | ├        |          | -             | 82       | 4        |           |          | _              | _        |              |          |          | _            | L          |     | _          | 132        | _        | $ \bot $ | _        |              |           |  |                | $\Box$       | $\Box$    |              |
| 卜          |           | 34         | $\dashv$                | $\dashv$          | -  | -            | $\vdash$        | _       | ├            | $\vdash$ | +        | -        |          | -             | 83<br>84 | 4        |           | -        | Ц              | _        | Ц            | _        | -        | _            | <u> </u>   |     |            | 133        | _        | 4        |          | 4            | _         | _  | _              | 4            | $\perp$   | _            |
| 卜          | _         | 35         | +                       | $\dashv$          | -  |              | $\vdash$        | -       | -            | 1        | +        | $\vdash$ | 1        | -             | 85       | -        | -         | -        |                | _        | -            |          | _        |              | μ.         |     | _          | 134        |          | 4        | _        | _            | $\dashv$  | $\dashv$   | 4              | 4            | 4         | _            |
| 1          |           | 36         | 7                       | 7                 |    | $\vdash$     | $\vdash$        | -       | $\vdash$     | $\vdash$ | +        | $\vdash$ |          |               | 86       | -+       | $\dashv$  | $\dashv$ | -              | $\dashv$ | $\dashv$     | $\dashv$ | -        | $\dashv$     | _          |     |            | 135<br>136 | $\dashv$ | $\dashv$ | $\dashv$ | 4            | 4         | +  | 4              | +            | 4         | 4            |
|            | ]         | 37         |                         | 7                 |    |              |                 |         | _            | T        | t        | 1        |          | $\rightarrow$ | 87       | +        | $\dashv$  |          | $\dashv$       | -        | $\dashv$     | -        | -        | $\dashv$     | -          |     |            | 137        | +        | +        | $\dashv$ | +            | +         | +  | +              | +            | +         | $\dashv$     |
|            | _         | 38         |                         |                   |    | Г            |                 | Г       |              | $\vdash$ | 1        | <u> </u> |          |               | 88       | $\dashv$ |           | -        | $\neg \dagger$ | -        | $\dashv$     | -        | $\dashv$ | 4            |            |     | -          | 38         | $\dashv$ | +        | +        | $\dashv$     | +         | +  | +              | +            | +         | $\dashv$     |
|            | _         | 39         |                         |                   |    |              |                 |         |              | Γ        |          |          |          | $\rightarrow$ | 89       | 7        | $\dashv$  | $\dashv$ | $\neg$         | $\dashv$ | _            | $\dashv$ | -        | $\dashv$     | -          |     | -          | 39         | +        | +        | $\dashv$ | +            | $\dashv$  | +  | +              | +            | +         | $\dashv$     |
| L          |           | 40         | $oldsymbol{\mathbb{I}}$ |                   |    |              |                 |         |              |          | Ī        |          |          | $\Box$        | 90       | 7        | $\dashv$  | 7        | $\dashv$       | $\dashv$ |              |          |          | $\dashv$     | $\vdash$   |     | $\neg$     | 40         | +        | +        | $\dashv$ | $\dashv$     | +         | +  | +              | +            | +         | $\dashv$     |
| Ĺ          | 7         | 4٦         | J                       |                   |    |              |                 |         |              |          |          |          |          | $\Box$        | 91       | 7        | $\dashv$  | $\dashv$ | -              | 一        | $\neg 1$     | $\dashv$ | -        | $\dashv$     | -          |     |            | 141        | ╁        | +        | $\dashv$ | +            | $\dashv$  | +  | +              | +            | +         | $\dashv$     |
|            | 4         | 43         | I                       |                   |    |              |                 |         |              |          |          |          |          | -             | 92       | 1        | $\neg$    | $\dashv$ | 7              |          | $\dashv$     |          | $\dashv$ | -            | -          |     |            | 142        | -+       | $\dashv$ | $\dashv$ | +            | ┥         | +  | +              | +            | +         | $\dashv$     |
| L          |           |            | $\perp$                 | J                 |    |              |                 |         |              |          |          | Γ        |          |               | 93       | 7        |           | 7        | 7              |          | _            | $\dashv$ | _        | 7            | -          |     |            | 43         | $\dashv$ | +        | +        | +            | $\dashv$  | +  | +              | +            | +         | $\dashv$     |
| L          | 4         | 44         | _                       |                   |    |              |                 |         |              |          |          | Γ        |          |               | 94       | 1        | $\neg$    | 7        | 7              |          |              |          | $\neg$   | $\exists$    | ٦          |     |            | 44         | $\dashv$ | $\dashv$ | +        | +            | $\dashv$  | +  | +              | +            | +         | $\dashv$     |
| -          |           | 45         | 4                       | _                 | _] |              |                 |         |              |          |          |          |          |               | 95       | ⋽        | ╛         |          | _              |          |              |          | $\neg$   | 7            |            |     |            | 45         | $\dashv$ | +        | $\dashv$ | $\dashv$     | +         | +  | +              | +            | +         | $\dashv$     |
| $\vdash$   |           | 46         | 4                       | -                 | _  | Щ            | Щ               |         | L            |          | L        | $\Box$   |          |               | 96       |          | $\Box$    |          |                |          | _1           |          |          | _            |            |     |            | 46         | $\top$   | $\dashv$ | $\dashv$ | +            | $\dagger$ | +  | $\dagger$      | +            | +         | $\dashv$     |
| -          |           | 17<br>18   | 4                       | 4                 |    | Щ            | $\square$       | L       | L            | _        | L        | L        |          |               | 97       | $\perp$  | $\Box$    | J        | J              |          |              |          |          |              |            |     |            | 47         | $\top$   | 7        | $\dashv$ | $\top$       | 7         | $\top$   | $\dagger$      | 十            | +         | $\dashv$     |
| $\vdash$   | +         | 18<br>19   | +                       | 4                 | 4  | Ц            | $\vdash \vdash$ | _       | <u> </u>     | <u> </u> | _        | L        |          |               | 98       | _[       | $\exists$ | $\Box$   |                | ⅃        | $\Box$       |          | $\Box$   |              |            |     |            | 48         |          | _        | 1        | _            | 7         | $\top$   | $\dagger$      | $\top$       | $\dagger$ | $\dashv$     |
| $\vdash$   |           | 50         | $\dashv$                | +                 |    | Н            |                 | -       | <u> </u>     | $\vdash$ | ├_       |          |          | $\sqcup$      | 99       | _        | $\perp$   | $\perp$  | $_{\perp}$     | $\Box$   | $\Box$       |          |          |              |            |     | 1          | 49         |          | ╧        | $\Box$   | _            | 1         | $\top$   | $\top$         | 十            | $\top$    | ヿ            |
| L_         | <u>ئا</u> | ~          |                         | _                 | 1  |              |                 |         | 1            | l        | I        |          |          | ı h           | 00       | - F      | П         |          | -1             | ╗        | 7            |          | $\neg$   | $\neg$       | $\neg$     | 1 1 | -          | 50         | _        | $\neg$   |          | -+           | +         | -  | $^+$           | -+-          | +         | $\dashv$     |

If more than 150 claims or 10 actions staple additional sheet here

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